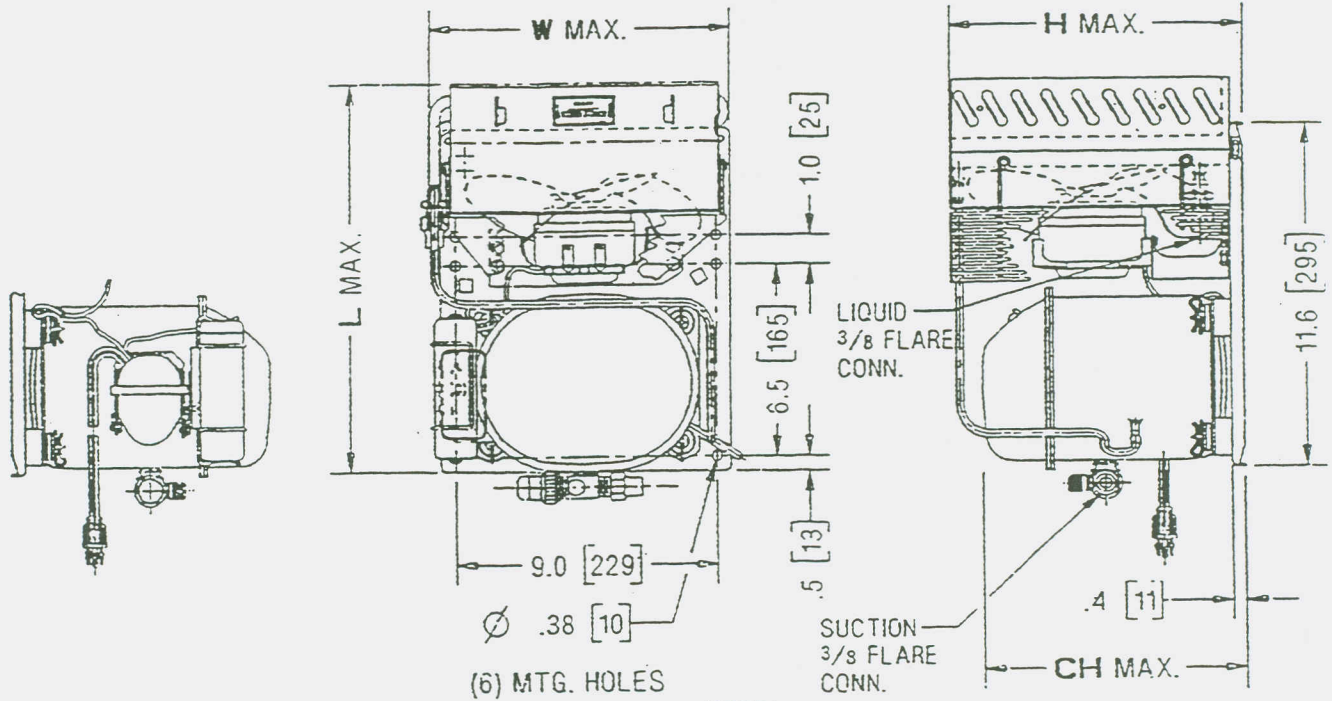




TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-7-95

MODEL AEA4430YXAXA (Formerly AE4430YA) R-134a 1/4 HP AIR COOLED



NOTE:
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90° F 90% Full	Air CFM	Oil Chg. oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA4430YXAXA	14.2	11.0	9.8	8.5	3/8 F	3/8 F	—	240	10	40
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance										
Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	18.4	1740	380	155	1580	385	170	1440	390	190
25	22.1	1940	400	160	1770	410	180	1610	420	200
30	26.0	2140	430	170	1970	440	185	1800	450	210
35	30.3	2360	460	175	2170	470	195	2020	480	215
40	35.0	2590	490	185	2380	500	200	2190	515	225
45	40.0	2820	520	190	2590	535	210	2390	550	230
50	45.3	3050	550	200	2810	570	220	2600	590	240
55	51.1	3290	590	210	3030	610	230	2810	625	250

65° F return gas temp., 5° F subcooling

SPECIFICATIONS AEA4430YXAXA

Nominal Voltage ----- 115-60-1

Unit B/M ----- 2C401-1

Voltage Range ----- 126.5 to 103.5

Min. Circuit Ampacity -- 7.1

Max. Fuse Size (Amps) -- 15

Compressor Model ----- AEA4430YXA

 Bill of Material -- AE540AT-238-P2

 RLA/LRA ----- 5.3/29.0

 Overload ----- 83940 or 830014MF86

 Relay ----- 8200EMBE49

 Alternate Relay --- 820RR12B75

 Cap. Start ----- 85635-2

 Rating ----- 243-292/110

Fan Motor ----- 810M006B45

 Alternate ----- 810G006A94

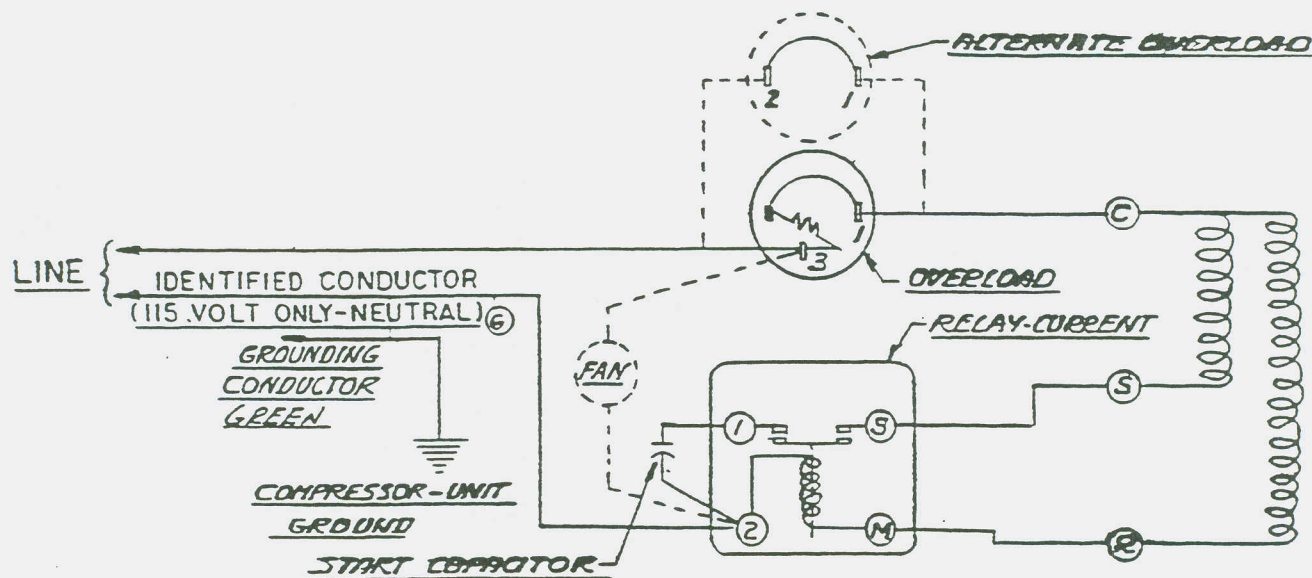
 Fan Blade ----- 51558

 Condenser ----- 50801-5

 Condenser Shroud ----- 70735-1

 Unit Drawing ----- SU1896-55

 Schematic or Elect. Dwg. ---- DEAE-10



115 or 230 VOLT SCHEMATIC WIRING DIAGRAM - CSIR